OPEN MEETING ITEM







ARIZONA CORPORATION COMMISSION

BRIAN C. McNEIL **Executive Director**

DATE:

SEPTEMBER 30, 2008

DOCKET NO:

W-01865A-07-0385 and W-01865A-07-0384

TO ALL PARTIES:

Enclosed please find the recommendation of Administrative Law Judge Yvette B. Kinsey. The recommendation has been filed in the form of an Opinion and Order on:

GROOM CREEK WATER USERS ASSOCIATION (RATES/FINANCE)

Pursuant to A.A.C. R14-3-110(B), you may file exceptions to the recommendation of the Administrative Law Judge by filing an original and ten (10) copies of the exceptions with the Commission's Docket Control at the address listed below by 4:00 p.m. on or before:

OCTOBER 9, 2008

The enclosed is NOT an order of the Commission, but a recommendation of the Administrative Law Judge to the Commissioners. Consideration of this matter has tentatively been scheduled for the Commission's Working Session and Open Meeting to be held on:

OCTOBER 15, 2008 AND OCTOBER 16, 2008

For more information, you may contact Docket Control at (602) 542-3477 or the Hearing Division at (602) 542-4250. For information about the Open Meeting, contact the Executive Director's Office at (602) 542-3931.

BRIAN'C. McNEIL **EXECUTIVE DIRECTOR**

> Arizona Curpaniana Commission DOCKETED

> > SEC 3 0 2008

1 BEFORE THE ARIZONA CORPORATION COMMISSION 2 **COMMISSIONERS** 3 MIKE GLEASON - Chairman WILLIAM A. MUNDELL JEFF HATCH-MILLER KRISTIN K. MAYES 5 **GARY PIERCE** 6 IN THE MATTER OF THE APPLICATION OF DOCKET NO. W-01865A-07-0385 7 GROOM CREEK WATER USERS ASSOCIATION FOR AN INCREASE IN RATES. 8 IN THE MATTER OF THE APPLICATION OF DOCKET NO. W-01865A-07-0384 GROOM CREEK WATER USERS ASSOCIATION FOR APPROVAL OF FINANCING AND RATE DECISION NO. 10 CHANGES. **OPINION AND ORDER** 11 March 5, 2008 (Procedural Conference), May 15, 2008 DATES OF HEARING: 12 and July 21, 2008 13 PLACE OF HEARING: Phoenix, Arizona 14 ADMINISTRATIVE LAW JUDGE: Yvette B. Kinsey 15 APPEARANCES: Mssrs. Jerry D. Hodgson, President, Kal Miller, Secretary, and Loren Greenberg, Treasurer on behalf of 16 the Groom Creek Water Users Association; and, 17 Mr. Kevin Torrey, Staff Attorney, Legal Division, on behalf of the Utilities Division of the Arizona 18 Corporation Commission. 19 BY THE COMMISSION: 20 On June 25, 2007, Groom Creek Water Users Association ("Applicant" or "Groom Creek") filed with the Arizona Corporation Commission ("Commission") an application for a permanent 21 22 increase in its water rates. 23 On the same date, Groom Creek filed an application in Docket No. W-01865A-07-0384 requesting approval for financing and providing notice of customer notification on the rate 24 25 application. Between July 9, 2007 and July 18, 2007, Jonathan Hoover, John and Marian Cree, Patty 26

Berry, Mary Turbyfill, Majorie Navarro, Robert Schulz, and Donald Muller filed Motions to

Intervene in Docket No. W-01865A-07-0385.

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On July 25, 2007, the Commission's Utilities Division ("Staff") filed an Insufficiency Letter in Docket No. W-01865A-07-0385.

On August 10, 2007, Staff filed a Letter of Sufficiency in Docket No. W-01865A-07-0385, indicating the Applicant's rate increase application had met the sufficiency requirements as outlined in the Arizona Administrative Code ("A.A.C.").

On August 22, 2007, a Procedural Order was issued in Docket No. W-01865A-07-0385, granting the Motions to Intervene.

On October 2, 2007, Staff filed a Motion for an Extension of Time to file its Staff Report until November 5, 2007, in Docket No. W-01865A-07-0385. No objections to Staff's Motion were filed.

On October 29, 2007, Staff filed a Motion to Consolidate the above-captioned matters.

On November 30, 2007, by Procedural Order, the two dockets were consolidated and Staff was granted additional time, until December 17, 2007, to file its Staff Report on the consolidated dockets and the timeclock in this matter was suspended.

On December 3, 2007, Groom Creek filed a copy of a special report sent to all Association members regarding a major water main break that occurred in October, 2007.

On December 14, 2007, Applicant docketed a Response in support of Staff's request for additional time, and requested that Staff be given until December 31, 2007, to file its Staff Report.

On December 17, 2007, Staff filed its Response to Groom Creek's Letter concurring with the request for additional time until December 31, 2007, to file its Staff Report.

On December 19, 2007, by Procedural Order, Staff was granted additional time, until January 4, 2008, to file its Staff Report.

On December 21, 2007, Staff filed a Clarification to Staff's Response to Groom Creek's Letter. In its filing, Staff requested additional time to file its Staff Report until January 31, 2008, stating the engineering analysis filed by Groom Creek on December 14, 2007, required Staff to issue additional data requests.

On December 27, 2007, by Procedural Order, Staff was granted additional time, until January 31, 2008, to file its Staff Report.

On January 31, 2008, Staff filed its Staff Report recommending approval of Groom Creek's

application for a permanent rate increase and approval for alternative financing.

On February 5, 2008, Staff filed a Notice of Errata to the Staff Report.

On February 11, 2008, Groom Creek filed its Response to the Staff Report, objecting to the recommended base rate increase, as well as other increases recommended by Staff.

On February 22, 2008, by Procedural Order, a Procedural Conference was scheduled for March 5, 2008, to determine whether the matter should continue as a non-hearing item. The timeclock remained suspended.

On March 5, 2008, Staff appeared at the Procedural Conference through counsel, and Mr. Jerry Hodgson, President of the Board of Directors for Groom Creek appeared on behalf of the Applicant. During the Procedural Conference the parties were given time to discuss settlement of the issues. After a period, both parties stated that they believed the issues in the case should be resolved through a hearing. The parties also stated that they believed there were some issues that might be resolved prior to a hearing in this matter.

On March 18, 2008, by Procedural Order, the hearing was scheduled for May 15, 2008.

On April 4, 2008, Groom docketed notice of providing customer notification regarding the financing application.

On May 5, 2008, Groom Creek docketed an Affidavit of Publication showing notice of the rate application and financing application had been published in the *Prescott Daily Courier*, a newspaper of general circulation on March 30, March 31, April 3, and April 4, 2008. Groom Creek also provided certification of the mailing to all customers in its service territory.

On May 15, 2008, a full public hearing was commenced before a duly authorized Administrative Law Judge ("ALJ") of the Commission at its offices in Phoenix, Arizona. Staff appeared through counsel, Mr. Jerry D. Hodgson appeared on behalf of the Applicant, and members of the public presented public comment. It was determined that additional time was needed to hear the evidence in this matter and the ALJ continued the hearing until May 22, 2008.

On May 21, 2008, a Telephonic Procedural Conference was held with the parties and the parties requested that the hearing date be reset to help facilitate settlement of the issues.

On May 21, 2008, by Procedural Order, the hearing on the consolidated dockets was continued to July 21, 2008. The Procedural Order also directed Staff to file a Supplemental Staff Report by July 5, 2008 and for the Applicant to file responses to the Supplemental Staff Report by July 14, 2008.

On July 7, 2008, Staff filed a Supplemental Staff Report continuing to recommend approval of the permanent rate increase and approval for alternative financing.

Applicant did not file objections to Staff's Supplemental Staff Report.

On July 21, 2008, the hearing in this matter reconvened. Staff appeared through counsel, Mr. Jerry D. Hodgson appeared on behalf of the Applicant and members of the public presented public comment. Staff presented evidence and testimony at the hearing. The Applicant presented testimony. At the conclusion of the hearing the parties were directed to file late-filed exhibits related to the testimony given during the hearing.

On July 30, 2008, by Procedural Order, Staff was directed to file as a late-filed exhibit, corrections to the Supplemental Staff Report, and an additional analysis and alternative schedules related to the capital improvement projects proposed by Groom Creek, on or before August 15, 2008. Further, the Applicant and intervenors were directed to file responses to the late-filed exhibits by August 29, 2008.

On August 15, 2008, Staff filed its late-filed exhibit as directed in the July 30, 2008, Procedural Order.

The Applicant did not file a response or objections to Staff's late-filed exhibit. Several additional comments were filed by the customers/homeowners of Groom Creek.

After receipt of the late-filed exhibits and customer/homeowner comments filed by August 29, 2008, the matter was taken under advisement pending submission of a Recommended Opinion and Order to the Commission.

* * * * * * * * *

Having considered the entire record herein and being fully advised in the premises, the Commission finds, concludes, and orders that:

¹ Applicant's application pg. 3. ² Applicant's application.

FINDINGS OF FACT

- 1. Groom Creek is an Arizona Association engaged in the business of providing water utility services to an area located near Prescott, Arizona, in Yavapai County.
- 2. The Groom Creek Water User Association was formed in 1982 and received its initial CC&N on June 9, 1982, in Commission Decision No. 53067.
 - 3. Groom Creek has been classified as a Class D utility.
 - 4. Groom Creek currently charges rates approved in Decision No. 62619 (June 9, 2000).
 - 5. Groom Creek serves approximately 228 customers.
- 6. Groom Creek is currently in compliance with the Utilities Division and Corporations Division's requirement on filing an annual report.
 - 7. Groom Creek is current on its sales and property tax payments.
- 8. The service area for Groom Creek is not in an Active Management Area ("AMA") and therefore Groom Creek has no AMA reporting and conservation requirements.
- 9. Groom Creek has an approved curtailment tariff which became effective May 25, 2005.
- 10. On June 25, 2007, Groom Creek filed an application with the Commission for a permanent rate increase, using a test year ending December 31, 2006, and stating that the proposed rate increase is necessary to do needed upgrades and repairs to its water system and that Groom Creek's previous rate increase in 2000 was limited a commodity change, but the base rate remained the same.¹
- 11. On the same date, in Docket No. W-01865A-07-0384 Groom Creek filed an application requesting authorization to obtain a line of credit in the amount of \$500,000 to fund a capital improvement project to replace the water mains in its system.²
 - 12. Subsequent to the filing of the applications, the dockets were consolidated.
- 13. On January 31, 2008, Staff filed a Staff Report recommending approval of Groom Creek's application for a permanent rate increase, but recommending alternative rates and charges.

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Staff also recommended that the Commission deny Groom Creek's request for authority to obtain a line of credit, and recommended that the Applicant obtain a Water Infrastructure Financing Authority ("WIFA") loan instead.

- Groom Creek filed objections to the Staff Report and to Staff's recommended rate 14. base increases, proposed charges and alternative financing.
- After the filing of Groom Creek's objections to the Staff Report, a Procedural 15. Conference was held to determine if the issues raised in the consolidated dockets could be resolved as a non-hearing item.
- At the Procedural Conference, settlement discussions were held between the parties, 16. and the parties agreed that the issues raised in the consolidated dockets needed to be resolved through an evidentiary hearing. At the conclusion of the Procedural Conference, and in a subsequent Procedural Order, the parties were directed to continue settlement negotiations, until the hearing in this matter was convened.
- Subsequent to the Procedural Conference, Staff and the Applicant docketed a joint 17. filing outlining all of the issues that the parties agreed upon. The joint filing also stated that the parties believed there were other issues that could be resolved prior to the hearing.
- On May 15, 2008, the hearing was held as scheduled. Staff appeared through counsel, 18. Mr. Jerry D. Hodgson appeared on behalf of the Applicant, and members of the public presented public comment. Following the May 15, 2008, hearing Staff was directed to file a Supplemental Staff Report and indicate whether the parties were in agreement with Staff's revised recommendations.
- Staff docketed a Supplemental Staff Report recommending approval of the 19. applications and stating its current position on the proposed rates, charges and financing recommendations. Staff's Supplemental Staff Report also stated that it was Staff's belief that Groom Creek was in agreement with Staff's proposed recommendations on the applications.
 - Groom Creek did not file objections to the Supplemental Staff Report. 20.
- On July 21, 2008, the hearing in the consolidated dockets reconvened. The Applicant 21. appeared and presented evidence and testimony. Staff appeared through counsel and presented

testimony and evidence. Nine members of the public appeared to give comments on the applications. Four members of the public were in favor of the proposed rates, charges and alternative financing, three were opposed, and two were in favor of an increase in rates, but not rates as high as those being recommended.

22. Post hearing, Staff docketed an exhibit stating that prior to July 2, 2008, 32 opinions had been filed in the consolidated dockets opposing the proposed rate case and 67 had been filed in favor of the rate case. As of July 25, 2008, Staff reported that there were 33 opinions filed in opposition to the rate case and 71 in favor, for a total of 104.

Financing

- 23. Groom Creek initially filed a financing application requesting Commission approval to obtain a \$500,000 line of credit to be used to replace water mains, valves, service lines and meters within its water system. Groom Creek's application stated that it wanted to complete the capital projects in advance of Yavapai County's project to pave the roads in the Groom Creek area. Since the filing of the financing application, Yavapai County has agreed to postpone the paving project to allow Groom Creek to make the necessary improvements to its system and not incur the additional cost of having to trench through the roads to make the improvements. (Tr. Pg. 185, lines 1-10)
- 24. In its initial Staff Report, Staff recommended denial of Groom Creek's request to use a line of credit to finance the capital improvement projects. Staff witness, Mr. Gordon Fox, Public Utilities Analyst Manager, testified that Staff opposed the line of credit because in terms of financing Staff likes to see material matching between the life of the loan and the life of the assets. Mr. Fox testified that it is preferential that the length of the loan be shorter than the life of the assets, to ensure that existing ratepayers are not burdened with paying for a loan for which the benefits will be received by future customers. Mr. Fox also testified that a longer loan term ensures that everyone pays their appropriate share of the fixed cost to replace the system. (Tr. Pg. 233, lines 11-25, pg. 234, lines 1-6)
 - 25. Mr. Fox explained that Staff believes the WIFA loan program provides a better

³ Applicant's application, pg. 1.

- alternative to a line of credit for water companies to fund capital improvement projects. He further explained that the WIFA loan program allows the water company to have construction of the projects completed and then invoices are submitted to WIFA for release of the funds to the contractor. According to Mr. Fox, the WIFA loan program allows the water company to build equity by requiring a "set-aside" amount for the first five years of the loan, which would allow the water company to be able to fund one year's debt service on the loan. Additionally, Mr. Fox explained that under the WIFA program, continuing "set-asides" are required after the first five years for the benefit of the water to be able to make improvements and repairs to the system. (Tr. Pg. 235, lines 1-18)
 - 26. Groom Creek has retained an engineering consultant through WIFA, who has provided a preliminary engineering report to look at the estimated costs for replacing the system and evaluating the existing distribution system, wells and need for fire flow protection. (Tr. Pg. 162, lines 11-20)

- 27. Groom Creek's engineering witness, Ms. Christine Close, of the engineering firm DSWA, testified that she has been an engineer for 14 years and is registered as a professional engineer with the State of Arizona. She further testified that she has been designing water systems for approximately eight to ten years. (Tr. Pg. 162, lines 11-14)
- 28. Ms. Close stated that her firm made recommendations to Groom Creek regarding upgrading and improving its two booster stations, adding an additional water storage tank, replacing all water lines with PVC material, replacing water meters throughout the system, and putting in new valves and boxes for the meters. (Tr. Pg. 181, lines 11-24)
- 29. After discussions with Staff and the engineering consultant, Groom Creek concluded that the \$500,000 request for a line of credit was insufficient to fund the first phase of its capital improvement projects.
- 30. Ms. Close testified that after her evaluation of the Groom Creek water system, she presented four separate alternatives, based on industry standards, to address the water systems' aging distribution lines and the adequacy of storage for the community. (Tr. Pg. 163, lines 1-18)
- 31. Ms. Close stated that her research of the Groom Creek water system revealed that the system's distribution lines consist mainly of transite pipes and sections of transite pipes have been in

the ground since the 1960s and 1970s. She stated that the transite pipes are made of asbestos cement material and when there are breaks in the pipes, asbestos fibers become moveable and if breathed in poses a health risk. (Tr. Pg 183, lines15-25 and pg. 184, lines 1-2) She further stated that the expected life of transite pipe is approximately 30-60 years. (Tr. Pg. 164, lines 1-14) However, because Groom Creek has been experiencing longitudinal fractures or breaks in the transite pipes, she testified that it is more economically feasible to look towards replacing the systems transite pipes with PVC pipe material. (Tr. Pg. 164, lines 15-25 and pg. 165, lines 1-5)

- 32. Ms. Close testified that in light of the occurrence of several breaks in Groom Creek's pipes over the last two to three years, it is more cost effective to replace the transite pipe with C-900, PVC pipe because the cost to repair transite pipe per lineal foot is more expensive. She stated that Groom Creek has been paying \$135 per lineal foot for repairs to the transite pipes, where replacing the transite pipe with C-900, PVC pipe material would cost approximately \$70 to \$80 per lineal foot. (Tr. Pg. 177, lines 1-5)
- 33. Utilities Engineer Mr. Marlin Scott, testified the problem with replacing transite pipe is that the pipe comes in 10-feet segments and when breaks in the pipes occur they are often lineal or longitudinal cracks. (Tr. Pg. 205, lines 10-25) For example, he explained that when a crack occurs in a three or four foot section of the transite pipe, the entire ten foot section has to be replaced because of the way the pipes are constructed. (Tr. Pg. 206, lines 1-4) He further testified that transite pipe is no longer being used in the water industry because when cracks occur, asbestos fibers are released and the asbestos poses a health risk. (Tr. Pg. 205, lines 18-25)
- 34. Ms. Close recommends that all of Groom Creek's pipes be replaced with PVC pipe material because PVC pipe has a life expectancy of 30-50 years, it is a newer material that is being used in water systems similar to Groom Creek's, the PVC pipe does not contain asbestos fibers, the cost to replace the transite pipe with PVC pipe is less expensive, and transite pipe is no long being produced. (Tr. Pg. 178, lines 4-25 and Pg. 179, lines 1-7)
- 35. Staff's witness agreed with Ms. Close's recommendation that Groom Creek's pipes should be replaced with PVC pipe and stated that 90 percent of water companies today use PVC pipe. (Tr. Pg. 206, lines, 20-25, Pg, 207, lines 1-4)

- ⁴ Exhibit S-2, attached as Exhibit A to this Decision.

36. In regards to the storage issues, Ms. Close testified that Groom Creek has one well (Well No. 1) that has a production of 20-30 gallons per minute ("GPM") and Well No. 2 has about half that production. She stated that during peak demand times, the more stress that is put on the wells, the longer time it takes for the wells to recover and that additional storage would provide some relief during those peak times. (Tr. Pg. 182, lines, 1-20) Further, she testified that it is recommended that Groom Creek consider constructing an additional well so there is a back up water supply when the system has to be shut down to complete repairs. (Tr. Pg. 182, lines 21-25)

- 37. Ms. Close noted that the recommended replacement pipes for the Groom Creek water system and the additional storage would be sufficient to handle fire protection if Groom Creek decided to add it in the future. (Tr. Pg. 188, lines 1-14) However, she stated that if Groom Creek chooses not to do stubouts for the fire hydrants, the stubouts will need to be added to the lines and would require trenching in addition to the cost of each fire hydrant and its installation. She stated the cost estimate for installing the fire hydrants, with stub-outs is \$3,200. (Tr. Pg 188, lines, 7-23)
- 38. According to Ms. Close, the primary cost for the first phase of the capital improvement projects, including the stubouts for fire flow protection, is a projected \$1.8 million. (Tr. Pg. 189, lines 16-25) She estimated that the proposed capital improvement projects would take approximately two years to complete. (Tr. Pg. 192, lines 1-10)
- \$1.6 million, based on the engineering report for the first phase of the projects and Groom Creek's immediate needs to upgrade its water system. Staff testified that the \$1.6 million estimate for the first phase of the capital projects was provided by Groom Creek for Staff's review and that the estimated costs include the additional storage needed, a 60,000 gallon storage tank, to meet fire flow requirements, but does not include taps for the distribution system or fire hydrants. (Tr. Pg. 201, lines 6-11)
- 40. Staff reviewed the cost estimates for the primary capital improvement projects submitted in Groom Creek's engineering report and found them to be reasonable and appropriate.

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However, Staff made no "used and useful" determination of the proposed plant and stated no particular future treatment should be inferred for rate-making or rate base purposes.

- Staff performed a financial analysis based on Groom Creek's financial statements 41. dated December 31, 2006 and recommended the Commission authorize Groom Creek to obtain a loan for no more than \$1.6 million to finance the first phase of its capital improvement projects.
- Staff analyzed the pro forma effect of a new \$1.6 million, 20-year amortizing loan at 42. a rate of 4.9 percent per annum combined with Staff's recommended revenues and expenses (discussed below) from the rate case.
- Staff's Supplemental Staff Report states that as of December 31, 2006, Groom Creek 43. had a capital structure of 3.8 percent short term debt, 77.8 percent long-term debt, and 18.4 percent equity. If Groom Creek draws the entire \$1.6 million proposed loan, Groom Creek's capital structure will consist of 3.2 percent short term debt, 94.9 percent long term debt and 1.9 percent equity.
- Staff also analyzed the effects of the proposed financing on Groom Creek's Times 44. Interest Earned Ratio ("TIER") and Debt Service Coverage ("DSC") ratio.⁵ The pro forma effect of Groom Creek obtaining a \$1.6 million, 18 to 30 year amortizing loan, at an interest rate not to exceed 5.25 percent, and implementing rates recommended by Staff in this matter, would produce a TIER of 2.09 and a 1.25 DSC.
- Staff states that the DSC and TIER ratios indicate that Staff's recommended 45. permanent rates would produce sufficient earnings and operating cash flow for Groom Creek to meet its long-term debt obligations under the \$1.6 million loan.
 - Staff recommends: 46.
 - That the Commission authorize Groom Creek to obtain an 18 to 30 year a. amortizing loan for an amount not to exceed \$1.6 million at a rate not to exceed 5.25 percent to finance the Staff recommended capital improvements and to deny the request for authority to obtain a \$500,000 line of credit.
 - That any Commission authorization granted in this matter to incur long-term b. debt which remains unused by December 31, 2012, terminate on that date.
 - That the Commission require Groom Creek to engage in any transactions and to c. execute any documents necessary to effectuate the authorizations granted.

⁵ According to Staff's Supplemental Staff Report, a DSC greater than 1.0 means operating cash flow is sufficient to cover debt obligations and a TIER less than 1.0 means that debt obligations are not sustainable in the long term, but may be in the short term.

- d. That Groom Creek submit copies of all Approvals to Construct and Approvals of Construction as they are obtained from ADEQ for all projects covered by this financing.
- e. That all Approvals of Construction be submitted to Docket Control by no later than December 31, 2010.
- f. That Groom Creek file a copy of the executed loan documents with Docket Control, as a compliance item in this docket, within 60 days of the execution of any transactions.
- 47. Staff's recommendations regarding the financing application are reasonable and will be adopted.

Rate Case

- 48. In the test year, as adjusted by Staff, Groom Creek collected a total operating revenue of \$62,223 and an operating income of \$16,697 on an Original Cost Rate Base ("OCRB") of \$31,757, for 52.58 percent return.
- 49. Groom Creek's application states that the OCRB should be used to determine the Fair Value Rate Base ("FVRB"), and that the Applicant waives its right to use Reconstruction Cost New as a basis for determining FVRB. Groom Creek's OCRB of \$31,757 shall therefore also be its FVRB for purposes of setting rates in this case.
- 50. Groom Creek's proposed rates would produce total operating revenue of \$151,316 and operating income of \$106,992, for a 178.27 percent return on its proposed OCRB of \$60,018.
- 51. As stated above, Staff recommended adjustments to the Applicant's proposed rate base totaling \$28,261, for an OCRB of \$31,757. Staff recommends rates that would produce total operating revenues of \$222,369 and operating income of \$176,843, for a 556.86 percent return on FVRB⁶.
- 52. The water rates and charges for Groom Creek at present, as proposed in the application, and as recommended by Staff are as follows:

26 Due to the need to incorporate Groom Creek's financing request into

⁶ Due to the need to incorporate Groom Creek's financing request into rates (see discussion below), as well as the Applicant's relatively low rate base, Staff set its recommended revenue requirement based on a operating margin of 79.53 percent (Ex. S-1, Sched. BCA-1).

1	·		Present		- Propos	sed R	ates -
	MONTHLY USAGE CHARGE:		Rates	Ass	ociation		Staff
2	5/8" x 3/4" Meter	\$	14.00		42.00	\$	
3	3/4" Meter 1" Meter		17.25 28.75		N/A N/A		50.00 125.00
	1-1/2" Meter		57.50		N/A		250.00
4	2" Meter		92.00		N/A		400.00
5	3" Meter 4" Meter		172.50 287.50		N/A N/A		800.00 1,250.00
	6" Meter		575.00		N/A N/A		2,500.00
6	Gallons Included in Minimum		-0-		,000		-0-
7			-0-	1	,000		-0-
	5/8 X 3/4-inch meters 0 – 3,000 gallons	\$	3.00				\$ 11.00
8	3,001 – 6,000 gallons	Ф	3.50				13.00
9	6,001 – 10,000 gallons		4.00				15.50
	Over 10,000 gallons		8.00				31.00
10	1,001 – 6,000 gallons			\$	5.50		
11	6,001 – 10,000 gallons 10,001 – 20,000 gallons				8.00 10.00		
10	Over 20,000 gallons				12.00		
12	<u>3/4" Meter</u>						
13	0-3,000 gallons	\$	3.00				\$ 11.00
	3,001 – 6,000 gallons	•	3.50				13.00
14	6,001 – 10,000 gallons		4.00				15.50
15	Over 10,000 gallons		8.00	ø	5.50		31.00
	1,001 – 6,000 gallons 6,001 – 10,000 gallons			\$	5.50 8.00		
16	10,001 – 20,000 gallons				10.00		
17	Over 20,000 gallons				12.00		
4.0	1" Meter						
18	0 - 3,000 gallons	\$	3.00				
19	3,001 – 6,000 gallons		3.50				
	6,001 – 10,000 gallons Over 10,000 gallons		4.00 8.00				
20	1,001 – 6,000 gallons		0.00	\$	5.50		
21	6,001 – 10,000 gallons			Ψ	8.00		
21	10,001 – 20,000 gallons				10.00		
22	Over 20,000 gallons				12.00		
23	0 – 12,000 gallons					\$	15.50
23	Over 12,000 gallons						31.00
24	<u>1-1/2" Meter</u> 0 – 3,000 gallons	\$	2 00				
25	3,001 – 6,000 gallons	Þ	3.00 3.50				
25	6,001 - 10,000 gallons		4.00				
26	Over 10,000 gallons		8.00				
<u> </u>	1,001 – 6,000 gallons			\$	5.50		
27	6,001 – 10,000 gallons 10,001 – 20,000 gallons				8.00 10.00		
28	Over 20,000 gallons				12.00		
	-						
		12		DDC	OIONINO.		
	·	13		DECI	SION NO.		

DOCKET NO. W-01865A-07-0385 ET AL.

1	0 – 18,000 gallons Over 18,000 gallons				\$ 15.50 31.00
2 3 4	2" Meter 0 - 3,000 gallons 3,001 - 6,000 gallons 6,001 - 10,000 gallons Over 10,000 gallons 1,001 - 6,000 gallons	\$	3.00 3.50 4.00 8.00	\$ 5.50	
5 6 7	6,001 – 10,000 gallons 10,001 – 20,000 gallons Over 20,000 gallons 0 – 25,000 gallons Over 25,000 gallons			8.00 10.00 12.00	\$ 15.50 31.00
8 9 10	3" Meter 0 - 3,000 gallons 3,001 - 6,000 gallons 6,001 - 10,000 gallons Over 10,000 gallons	\$	3.00 3.50 4.00 8.00	.	
11 12 13	1,001 – 6,000 gallons 6,001 – 10,000 gallons 10,001 – 20,000 gallons Over 20,000 gallons 0 – 43,000 gallons			\$ 5.50 8.00 10.00 12.00	\$ 15.50
14 15	Over 43,000 gallons 4" Meter 0 - 3,000 gallons 3,001 - 6,000 gallons 6,001 - 10,000 gallons	\$	3.00 3.50 4.00		31.00
161718	Over 10,000 gallons 1,001 – 6,000 gallons 6,001 – 10,000 gallons 10,001 – 20,000 gallons Over 20,000 gallons		8.00	\$ 5.50 8.00 10.00 12.00	
19 20	0 – 63,000 gallons Over 63,000 gallons 6" Meter				\$ 15.50 31.00
21 22	0 - 3,000 gallons 3,001 - 6,000 gallons 6,001 - 10,000 gallons Over 10,000 gallons	\$	3.00 3.50 4.00 8.00		
23 24	1,001 – 6,000 gallons 6,001 – 10,000 gallons 10,001 – 20,000 gallons Over 20,000 gallons			\$ 5.50 8.00 10.00 12.00	
2526	0 – 123,000 gallons Over 123,000 gallons				\$ 15.50 31.00
27 28	•••				
		14		DECISION NO	

SERVICE LINE AND METER INSTALLATION CHARGES: (Refundable pursuant to A.A.C. R14-2-405)

10"

Larger than 10"

	Asso	Association		Staff Recommended		
	Present	Proposed	Service Line	Meter	Total	
	Rates	<u>Charges</u>	Charge	<u>Charge</u>	<u>Charge</u>	
5/8 x 3/4" Meter	\$ 450.00	\$7,500.00	\$ 1,700.00	\$ 300.00	\$2,000.00	
3/4" Meter	515.00	N/A	1,700.00	380.00	2,080.00	
1" Meter	590.00	N/A	1,750.00	420.00	2,170.00	
1-1/2" Meter	820.00	N/A	1,785.00	630.00	2,415.00	
2" Meter	1,380.00	N/A	1,945.00	1,130.00	3,075.00	
3" Meter	1,935.00	N/A	2,120.00	1,635.00	3,755.00	
4" Meter	3,030.00	N/A	2,485.00	2,515.00	5,000.00	
6" Meter	5,535.00	N/A	3,045.00	4,710.00	7,755.00	
			Association	Staff	Recommended	

	Association		Staff Recommend
	Present	Proposed	Service Line
SERVICE CHARGES:	Rates	<u>Charges</u>	<u>Charge</u>
Establishment	\$ 10.00	\$ 75.00	\$ 30.00
Establishment (After Hours)	0.00	0.00	40.00
Reconnection (Delinquent)	10.00	50.00	30.00
Meter Test (If Correct)	7.50	25.00	25.00
Deposit	*	*	*
Deposit Interest Per Annum	*	*	*
Reestablishment (Within 12 Months)	14.00	75.00	**
NSF Check	25.00	40.00	25.00
Deferred Payment (Per Month)	5.00	10.00	1.50%
Meter Re-Read (If Correct)	5.00	25.00	25.00
Late Payment Charge (Per Month)	0.00	10.00	1.50%
FIRE SPRINKLER MONTHLY SERVICE	E CHARGE :		
4" or Smaller	\$ 0.00	\$ 0.00	***
6"	0.00	0.00	***
U	0.00	3.00	ale ale ale

- * Per Commission rule A.A.C. R-14-2-403(B).
- ** Number of months off system times the Monthly Minimum, per Commission rule A.A.C. R14-2-403(D).

0.00

0.00

0.00

0.00

0.00

- *** 1.00% of Monthly Minimum for a Comparable Sized meter Connection, but no less than \$5 per month. The Service Charge for Fire Sprinklers is only applicable for service lines separate and distinct from the primary water service line.
- 53. Staff's adjustments to rate base decreased Groom Creek's proposed rate base by \$28,261 from \$60,018 to \$31,757.
- 54. Staff adjusted the Applicant's proposed \$60,018 Plant in Service balance downward by \$28,261 for a balance of \$31,757. Staff stated the downward adjustments totaling \$13,364 reflect beginning balances authorized in the prior rate case (Decision No. 62619), and remove plant

additions and retirements claimed since 1998 (end of prior test year) through 2006 (end of the current test year), which Staff could not verify. Further, Staff stated that an increase of \$400 was made to power operated equipment to reflect the total invoices supporting plant additions.

- 55. Staff proposed upward adjustments in the amount of \$20,279 to Groom Creek's Accumulated Depreciation by beginning with the balances authorized in the prior rate case (Decision No. 62619) and applying the authorized depreciation rates to Staff's recommended plant balances for the years between 2000 through 2006. Staff calculated total Accumulated Depreciation in the amount of \$257,909.
- 56. Staff calculated a Cash Working Capital allowance in the amount of \$4,982, using the formula method based on its recommended level of operating expenses.
 - 57. Staff's proposed adjustments to rate base are reasonable and should be adopted.
- 58. The Applicant proposed test year operating revenue of \$57,132. Staff proposed an upward adjustment of \$5,091 to reflect revenue produced by the Applicant's metered water bill count during the test year. This adjustment is reasonable and will be adopted for total test year operating revenue of \$62,223.
- Operating Expenses of \$44,324. Staff adjustments included the following: A reduction to Purchased Water in the amount of \$50 to reflect the aggregate of the test year purchased power invoices; an increase in Repairs and Maintenance to recognize the total supported expenses during the test year; a \$592 decrease in Office Supplies & Expenses to reflect the documented test year expenses; a \$6,365 increase for Outside Services to remove \$60 for unsupported bills, to add \$252 for reclassification of water testing expenses, to add \$3,071 and \$3,102 for annualizing of accounting costs and water operator services, respectively; a \$252 decrease for Water Testing to reclassify invoices to outside services; a \$863 decrease in Depreciation Expense to reflect Staff's recommended level of depreciation expense; and a \$1,578 decrease to remove income tax expenses because Groom Creek is exempt under Federal laws.
- 60. Staff's recommended adjustments to Groom Creek's Operating Expenses resulted in total operating expenses of \$45,526. Staff's proposed adjustments to test year Operating Expenses

are reasonable and will be adopted.

- 61. Subtracting total Operating Expenses of \$45,526 from total Operating Revenue of \$62,223 resulted in a net income for Groom Creek of \$16,697 during the test year.
- 62. Staff's recommended revenue produces a pro forma 1.25 Debt Service Coverage ("DSC') on the Applicant's current outstanding loan of \$145,438 and the new proposed \$1.6 million 20-year amortizing loan at a rate of 4.9 percent, would produce sufficient cash flow for Groom Creek to meet its financial obligations.
- 63. Groom Creek's application proposes the continued use of a four-tier rate structure, with breakover points at 6,000, 10,000 and 20,000 gallons for all meter sizes with 1,000 gallons in the minimum. The Applicant's proposed rates would increase the median usage (1,532 gallon) 5/8" x 3/4-inch meter residential customer's bill from \$18.60 to \$44.93, an increase of \$26.33 or 141.6 percent.
- 64. Staff recommends a four-tier, inverted rate structure for 5/8" x 3/4-inch and 3/4-inch meters and a two-tier, inverted rate structure for larger meters.
- 65. Based on the 2006 test year, all of Groom Creek's customers are being served by a 5/8" x 3/4 -inch meter size.
- 66. Staff recommends breakover points of 3,000, 6,000 and 10,000 gallons for 5/8" x 3/4 inch customers.
- 67. Staff's proposed rates would increase the median usage (1,532 gallons) 5/8 X ³/₄ -inch meter size residential customer's bill from \$18.60 to \$66.85 per month, an increase of \$48.25 or a 259.4 percent increase.
- 68. Staff's witness, Mr. Gordon Fox, discussed Staff's reasoning for recommending the no gallons included in the minimum usage charge. Mr. Fox explained under the specific circumstances of this case where the consumption is fairly low (1,532 gallons) the Commission wants to send a message that there is a cost to providing water and there is a need to generate the revenues from the sale of that water. (Tr. Pg. 242, lines 12-25)
- 69. Mr. Fox explained that in Groom Creek's case, the \$50 minimum charge recommended by Staff represents the equivalent of 62 percent of the revenue requirement, where as

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in a typical rate design, the minimum charge would represent 30 or 40 percent of the revenue coming from the minimum charge. (Tr. Pg. 243, lines 1-14)

- Mr. Fox further testified that Staff's recommended \$50 minimum charge is beneficial 70. for several reasons. First, Staff's recommended rate design is driven by a revenue requirement that has a debt service to cover payments for a \$1.6 million loan, and those payments will be made on a monthly basis, which will make it easier for the company to manage its cash flow if it generates the bulk of its revenues on a monthly basis. Second, because a large portion of Groom Creek's customers are seasonal and the revenue is being generated to cover the fixed costs of replacing the system, the fixed minimum charge has to be in place so that seasonal customers are paying their fair share of the replacement costs for the system. (Tr. Pg. 243, lines15-25, Pg. 244, lines 1-7)
 - We find Staff's proposed rate design reasonable and will adopt it. 71.
- Staff recommends and adopts several of the charges proposed by the Applicant. Staff 72. adopted the Applicant's proposed charges for Meter Tests and Meter Re-read, finding that they were a reasonable and normal charge. Staff also recommended that Groom Creek separate charges for service line and meter installations to ensure that future installation of meters on existing service lines reflect only that cost.
- Staff recommends alternative service charges for the remaining items as set forth in 73. Finding of Fact No. 51.
 - We find Staff's recommendations for service charges reasonable and will adopt them. 74.
 - Staff also recommends: 75.
 - Groom Creek collect, from its customers, in addition to its regular rates and a. charges, a proportionate share of any privilege, sales or use tax per Commission Rule (R-14-2-409D.5).
 - Authorization of the depreciation rates shown in Table B of the Revised b. Engineering Report.
 - That Groom Creek maintain its records in accordance with the National c. Association of Regulatory Utility Commissioners ("NARUC") Uniform System of Accounts ("USOA").
 - That Groom Creek file with Docket Control, as a compliance item in this d. docket, a schedule of its approved rates and charges within 30 days of the effective date of a Decision in this matter.
 - That Groom Creek be required to contact customers that are not shown as e. having paid advances, requesting that the customers provide documentation

showing their name, date, and amount paid for meter and service line installations. If customers have the documentation, then the Association should adjust its records and refund the customers the amounts due, calculated in accordance with Commission rules within 60 days.

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Staff's recommendations are reasonable and will be adopted. 76.

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Existing Water System

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Groom Creek's existing water system consists of two well sites, two booster systems, 77. a distribution system serving approximately 228 customers.⁷

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determined that:

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Staff's Corrected/Revised Engineering Report, dated July 31, 2008.

Groom Creek's non-account water loss of 7 percent is within Staff's acceptable range for non-account water loss of no more than 10 percent.

Staff inspected the Groom Creek water system on August 21, 2007. Staff's inspection

Groom Creek's two well sources and storage capacity are adequate to serve its b. existing customer base and reasonable growth.

ADEQ has determined that Groom Creek's water system is delivering water c. that meets water quality standards as required by the Arizona Administrative Code ("A.A.C").

The arsenic levels in Groom Creek's two wells are less than 1 part per billion d. ("ppb") and meet the new Environmental Protection Agency's ("EPA") maximum containment level of no more than 10 ppb.

Groom Creek's service area is not located within an Active Management Area e. ("AMA") and therefore is not subject to AMA reporting and conservation requirements.

Groom Creek has no outstanding compliance issues with the ACC. f.

Groom Creek's curtailment tariff was approved by the Commission on May g. 25, 2005.

Groom Creek's backflow prevention tariff was approved by the Commission h. on March 16, 2008.

Because an allowance for property tax expense is included in Groom Creek's rates and 79. will be collected from its customers, the Commission seeks assurances from Groom Creek that any taxes collected from ratepayers have been remitted to the appropriate taxing authority. It has come to the Commission's attention that a number of water companies have been unwilling or unable to fulfill their obligation to pay the taxes that were collected from ratepayers, some for as many as twenty years. It is reasonable, therefore, that as a preventive measure Groom Creek shall annually file, as part of its annual report, an affidavit with the Utilities Division attesting that the Company is current

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in paying its property taxes in Arizona.

80. Staff's recommendations contained herein are reasonable and should be adopted.

CONCLUSIS OF LAW

- 1. Groom Creek Water Users Association is a public service corporation within the meaning of Article XV of the Arizona Constitution and A.R.S. Sections 40-250 and 40-241.
- 2. The Commission has jurisdiction over Groom Creek and the subject matter of the applications.
 - 3. Notice of the applications was provided in the manner prescribed by law.
- 4. The rates and charges established herein are just and reasonable and in the public interest.
- 5. The financing approved herein is for lawful purposes, within Groom Creek Water Users Association corporate powers, is compatible with the public interest, with sound financial practices, with proper performance by Groom Creek of service as a public service corporation, and will not impair Groom Creek's ability to perform that service.
- 6. The financing approved herein for the purposes stated in the application and is reasonably necessary for those purposes, and such purposes are not, wholly or in part, reasonably chargeable to operating expenses or to income.

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1		ORDE	<u>ER</u>			
2	IT IS THEREFORE ORDERED t	hat Groon	n Creek Water	Users Assoc	ciation shall	file by
3	November 1, 2008, revised rate schedules s	setting for	the following ra	ates and charg	ges:	
4	MONTHLY USAGE CHARGE:					
5	(Zero gallons included in minimum)	φ	50.00			
6	5/8" x 3/4" Meter 3/4" Meter 1" Meter	\$	50.00 50.00 125.00			
7	1-1/2" Meter	2	250.00			
8	2" Meter 3" Meter	8	400.00 800.00 250.00			
9	4" Meter 6" Meter		500.00			
10	5/8" x 3/4" Meter	\$	11.00			
11	0 – 3,000 gallons 3,001 – 6,000 gallons 6,001 – 10,000 gallons	Ψ	13.00 15.50			
12	Over 10,000 gallons		31.00			
13	3/4" Meter 0 – 3,000 gallons	\$	11.00			
14	3,001 - 6,000 gallons	·	13.00			
15	6,001 – 10,000 gallons Over 10,000 gallons		15.50 31.00			
16	1" Meter	•	4 7 70			
17	0 - 12,000 gallons Over 12,000 gallons	\$	15.50 31.00			
18	<u>1-1/2" Meter</u>	•	4.5.50			
19	0 – 18,000 gallons Over 18,000 gallons	\$	15.50 31.00			
20	2" Meter	•	15.50			
21	0 – 25,000 gallons Over 25,000 gallons	\$	15.50 31.00			
22	3" Meter	Φ.	15.50			
23	0 – 43,000 gallons Over 43,000 gallons	\$	15.50 31.00			
24	4" Meter	φ	15 50			
25	0 – 63,000 gallons Over 63,000 gallons	\$	15.50 31.00			
26		ď	15 50			
27	0 – 123,000 gallons Over 123,000 gallons	\$	15.50 31.00			

SERVICE LINE AND METER INSTALLATION CHARGES:

(Refundable pursuant to A.A.C. R14-2-405)

	Service Line	Meter	Total
	Charge	Charge	<u>Charge</u>
5/8 x 3/4" Meter	\$ 1,700.00	\$ 300.00	\$ 2,000.00
3/4" Meter	1,700.00	380.00	2,080.00
1" Meter	1,750.00	420.00	2,170.00
1-1/2" Meter	1,785.00	630.00	2,415.00
2" Meter	1,945.00	1,130.00	3,075.00
3" Meter	2,120.00	1,635.00	3,755.00
4" Meter	2,485.00	2,515.00	5,000.00
6" Meter	3,045.00	4,710.00	7,755.00

8	SERVICE CHARGES:	Service Line Charg
9	Establishment Establishment (After Hours)	\$ 30.00 40.00
10	Reconnection (Delinquent) Meter Test (If Correct)	30.00 25.00
11	Deposit Deposit Interest Per Annum	*
12	Reestablishment (Within 12 Months) NSF Check	** 25.00
13	Deferred Payment (Per Month) Meter Re-Read (If Correct)	1.50% 25.00
14	Late Payment Charge (Per Month)	1.50%

FIRE SPRINKLER MONTHLY SERVICE CHARGE:

4" or Smaller	***

6"	***
8"	***
10"	***
Larger than 10"	

- * Per Commission rule A.A.C. R-14-2-403(B).
- ** Number of months off system times the Monthly Minimum, per Commission rule A.A.C. R14-2-403(D).
- *** 1.00% of Monthly Minimum for a Comparable Sized meter Connection, but no less than \$5 per month. The Service Charge for Fire Sprinklers is only applicable for service lines separate and distinct from the primary water service line.

IT IS FURTHER ORDERED that the above rates and charges shall be effective for all service provided on or after December 1, 2008.

IT IS FURTHER ORDERED that Groom Creek Water Users Association shall notify its customers of the revised rates and charges authorized herein, and their effective date, in a form acceptable to the Commission's Utilities Division Staff, by means of an insert in its next regularly scheduled billing.

DECISION NO.

IT IS FURTHER ORDERED that in addition to the collection of its regular rates and charges Groom Creek Water Users Association shall collect from its customers a proportionate share of any privilege, sales or use tax per Commission Rule R-14-2-409(D).

IT IS FURTHER ORDERED that Groom Creek Water Users Association shall use the depreciation rates delineated in Table B of the Revised Engineering Report filed in this case on a going forward basis.

IT IS FURTHER ORDERED that Groom Creek Water Users Association shall maintain its records in accordance with the National Association of Regulatory Utility Commissioners Uniform System of Accounts on a going forward basis.

IT IS FURTHER ORDERED that Groom Creek Water Users Association shall inquire of its customers that are not currently reported as having paid advances whether they have written documentation showing their name, date and amount paid for meter and service line installations. If customers have the documentation, then Groom Creek Water Users Association shall adjust its records and refund the customers the amounts due, calculated in accordance with Commission rules within 60 days of the effective date of this Decision.

IT IS FURTHER ORDERED that Groom Creek Water Users Association is hereby authorized to obtain a 18-30-year amortizing loan for an amount not to exceed \$1.6 million at a rate not to exceed 5.25 percent to finance the Staff recommended capital improvement projects.

IT IS FURTHER ORDERED that the financing authority granted herein is expressly contingent on Groom Creek Water Users Association's use of the proceeds for the capital improvement projects set forth in attached Exhibit A.

IT IS FURTHER ORDERED that any authorization granted in this Order to incur long-term debt which remains unused as of December 31, 2012, shall terminate as of that date.

IT IS FURTHER ORDERED that Groom Creek Water Users Association is authorized to engage in any transactions and execute any documents necessary to effectuate the financing authorizations granted herein.

IT IS FURTHER ORDERED that approval of the financing set forth hereinabove does not constitute or imply approval or disapproval by the Commission of any particular expenditure of the

DOCKET NO. W-01865A-07-0385 ET AL.

proceeds derived thereby for purposes of establishing just and reasonable rates. IT IS FURTHER ORDERED that Groom Creek Water Users Association shall file with Docket Control, as a compliance item in this docket, a copy of the fully executed loan documents, within 60 days of the execution of any transactions. IT IS FURTHER ORDERED that Groom Creek Water Users Association shall file, with Docket Control, as a compliance item in this docket, all Approvals to Construct and Approvals of Construction, as they are obtained from the Arizona Department of Environmental Quality, but no later than 30 days after their receipt, for all projects covered by this financing. IT IS FURTHER ORDERED that Groom Creek Water Users Association shall file with Docket Control, as a compliance item in this docket, all Approvals of Construction by December 31, 2010.

DOCKET NO. W-01865A-07-0385 ET AL.

1	IT IS FURTHER ORDERED	that Groom Creek Water Users A	ssociation shall annually file
2	as part of its annual report, an affidav		
3	its property taxes in Arizona.		
4		that this Decision shall become effe	ective immediately.
5			
6	BY ORDER OF THE	E ARIZONA CORPORATION CO	VIIVIISSIOIV.
7			
8	CHAIRMAN		COMMISSIONER
9			
10	COMMISSIONER	COMMISSIONER	COMMISSIONER
11			
12		IN WITNESS WHEREOF, I, BR Director of the Arizona Corp	oration Commission, have
13		hereunto set my hand and caus Commission to be affixed at the Ca	ed the official seal of the
14		this, 2008.	
15			
16		BRIAN C. MCNEIL	
17		EXECUTIVE DIRECTOR	
18			
19			
20			
21	YBK:db		
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		25 DE	ECISION NO

1	SERVICE LIST FOR:	GROOM CREEK WATER USERS ASSOCIATION
2	DOCKET NOS.:	W-01865A-07-0385 and W-01865A-07-0384
3	Jerry D. Hodgson, President	
4	GROOM CREEK WATER USERS 4209 South Adeline Drive	ASSOCIATION
5	Prescott, AZ 85303	
6	Jonathan S. Hoover 1615 Palmcroft Drive SE	
7	Phoenix, AZ 85007-1735	
8	John and Marian Cree 1016 East Wagon Wheel Drive	
9	Prescott, AZ 86303	
10	Patty Berry 8332 N. 16 th Street	
11	Phoenix, AZ 85020	
12	Mary E. Turbyfill	
13	4168 Stagecoach Road Prescott, AZ 86303	
14	Marjorie Navarro	
15	1074 East Wagon Wheel Drive Prescott, AZ 86303	
16	Robert Schulz	
17	1075 East Wagon Wheel Drive Prescott, AZ 86303	
18	Donald P. Muller	
19	24491 South Spur Lane Prescott, AZ 86303	
20	Janice Alward, Chief Counsel	
21	Legal Division ARIZONA CORPORATION COM	IMISSION
22	1200 West Washington Street Phoenix, AZ 85007	
23	Ernest G. Johnson, Director	
24	Utilities Division ARIZONA CORPORATION COM	IMISSION
25	1200 West Washington Street Phoenix, AZ 85007	
26		·
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EXHIBIT A

Groom Creek Water Users Associ	ation				
Water System Improvements		Ctorogo	Booster	Distribution	
		Storage	System	System	Totals
		Tank	System	Oystein .	
		4,370	3,842	31,788	40,000
1. Mobilization		4,370	3,042	01,100	
2. Earthwork				250,000	
Trenching, bedding & backfi				24,400	
Pavement replacement		8,250		- 7,1.5	
Site work		0,230			
3. Concrete		12,750	 -		
Tank foundation		12,700		8,500	
Wash crossing				1,900	
Thrust work				13,300	
Valve boxes				43,750	
Meter boxes				75,755	
E Davidia a secondo			9,750		
5. Building - pump room			3,700		
10. Specialities			7,500		
Painting			7,000		
11. Equipment			30,000		
Booster pump station			10,000		
hydropnuematic tank			10,000		
13. Special Construction				40,625	
Flow meters		82,500		10,020	
Welded storage tank		02,300			
15. Mechanical				238,325	
C-900 PVC pipe				49,458	
Copper pipe				54,200	
Saddle with corp stop				28,500	
Misc. valves & fittings				20,000	
			33,750	1	
16. Electrical			33,730	 	
		107,870	94,842	784,746	987,458
TOTALS:		12,944			
Contingency (12%)		12,344	11,301	71,250	
Hard Dig contigency		120,814	106,223		
Subtotal:	22.0%	26,579			
Contractors O&P	0.25%	20,579 302			
Regulatory Impacts		1,812			
Bonding & Insurance	1.5%	6,041			
Surveying & Utility location	5%	0,041	3,31	77,550	35,000
Engineering	0.0%	6.044	E 244	47,508	58,860
Construction management	5.0%	6,041	5,311	41,000	30,000
		404 500	142.07	1,270,846	1,574,509
TOTALS:		161,589	142,073	1,210,046	1,574,50
		1001		81%	100%
		10%	9%	01%	1 1007